

GANESH PAL

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CAREER OBJECTIVES

Robotics and Automation student with strong foundations in electronics, IoT, and circuit design, seeking a Field Application Engineer role to apply my technical knowledge and problem-solving abilities in supporting semiconductor solutions, driving design-in success, and contributing to smart manufacturing innovations

ACADEMIC QUALIFICATION

- **Bachelor of Technology in Robotics and Automation**
Brainware University (Autonomous)
Year of Passing: 2026, CGPA: 9.09
- **Higher Secondary (Class XII)**
Nayabasat Parbatimoyee Siksha Niketan (W.B.C.H.S.E)
Year of Passing: 2022, Percentage: 84.4%
- **Secondary (Class X)**
Nalbona High School (W.B.B.S.E)
Year of Passing: 2020, Percentage: 81.28%

ACADEMIC PROJECTS

- **Arduino Based smart Dustbin:**
Developed a contactless smart dustbin using Arduino Uno, ultrasonic sensor, and servo motor to enhance hygiene during COVID-19. Nov 2023
- **WIFI based home automation and weather monitoring system:**
Designed a home automation system with ESP32, enabling Wi-Fi-based control and real-time temperature/humidity monitoring via web/mobile interface. Mar 2025

INDUSTRIAL TRAINING AND INTERNSHIPS

- Training on **Internet of things (IOT)** from **Ardent Computech Pvt. Ltd** 21st Jan ,2025 – 21st Mar,2025
Duration – **2 Month**
- Value added course on “**Realization of Signal Characteristics Using MATLAB Tools**” Organised by the Department Of Electronics & Communication Engineering of Brainware University. 1st Feb ,2023- 14th Feb,2023
Duration – **2 weeks**

TECHNICAL SKILLS

- **Languages:** Python, C++
- **Hardware:** Raspberry pi, Arduino, ESP32
- **Software Simulator:** Tinkercad,Wokwi
- **Databases:** MySQL

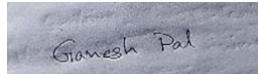
LANGUAGE AND HOBBIES

- **Language** – Bengali (Native), Hindi (Fluent), English (Basic Working Knowledge).
- **Hobbies** - Watching Movie, Travelling, Playing Cricket, Listening Song.

SELF DECLARATION

I hereby affirm that all the information that I have stated are true and correct to best of my knowledge.

SIGNATURE:



DATE:09th Dec, 2025